

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002029.D
 Acq On : 26 May 2018 19:53
 Operator : JC/MD
 Sample : J3118-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW326-180522

Quant Time: May 28 03:04:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

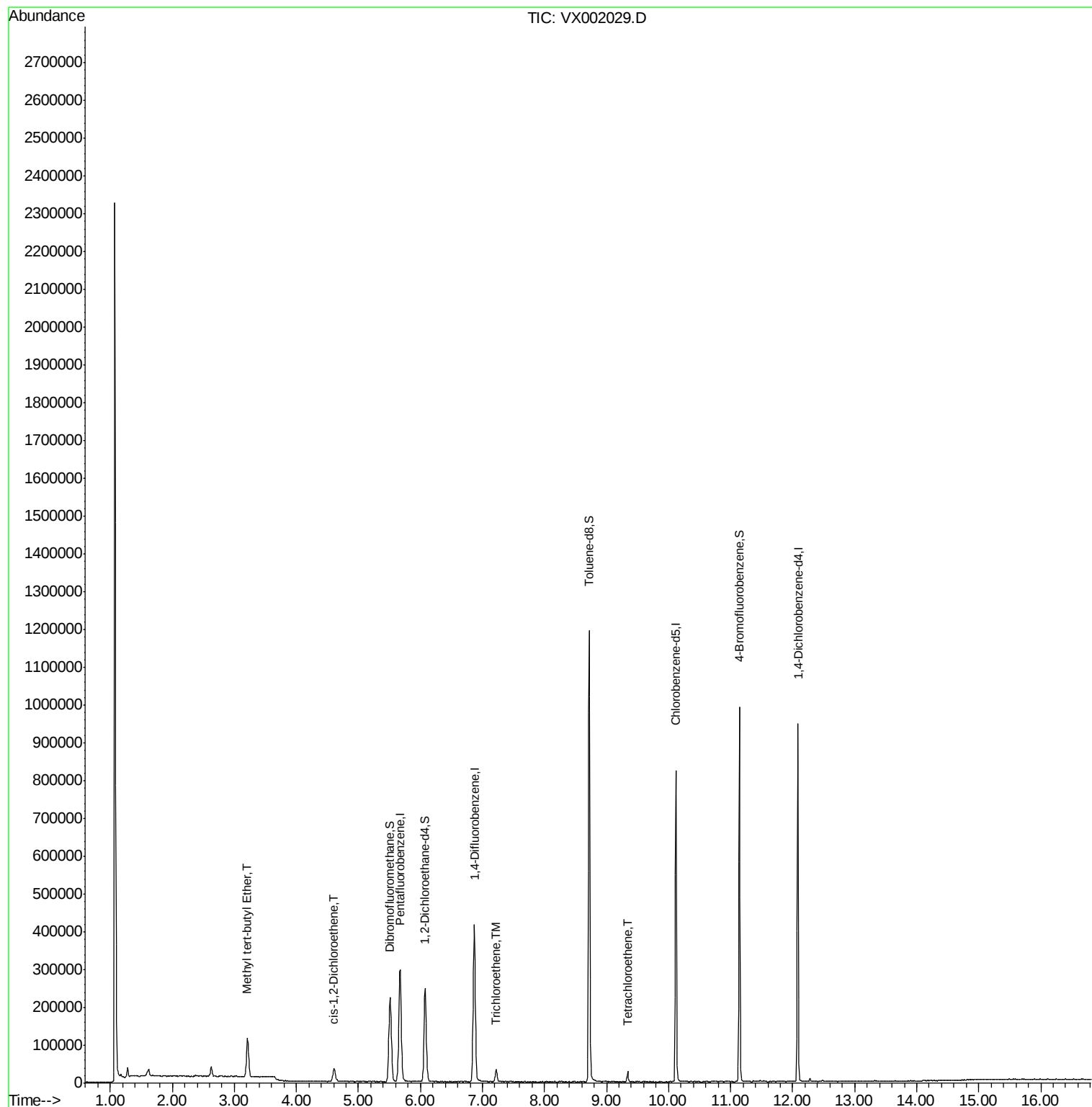
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	417206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	235856	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
35) Dibromofluoromethane	5.51	113	183664	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	
50) Toluene-d8	8.72	98	703150	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
62) 4-Bromofluorobenzene	11.14	95	237553	40.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.40%	
Target Compounds						
19) Methyl tert-butyl Ether	3.21	73	115281	8.68	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	18070	3.93	ug/l	69
44) Trichloroethene	7.23	130	12624	2.55	ug/l	97
64) Tetrachloroethene	9.34	164	5533	1.05	ug/l	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002029.D

Acq: 26 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

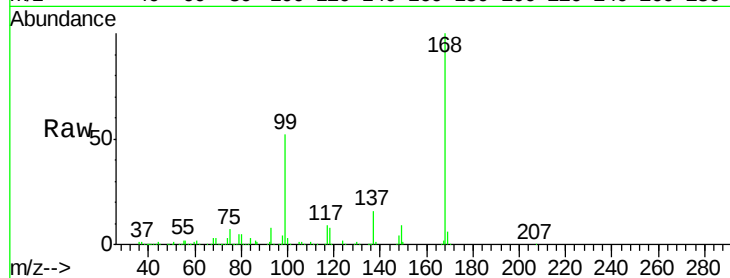
SS052MW326-180522

Tot Ion:168 Resp: 302874

Ion Ratio Lower Upper

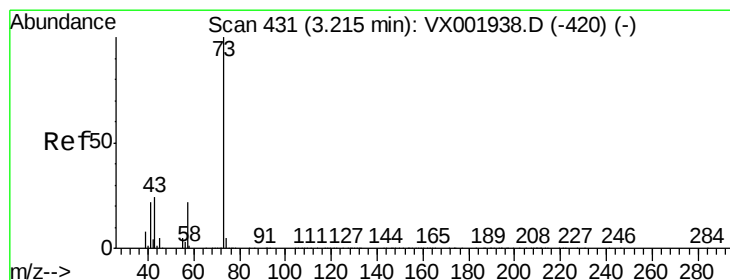
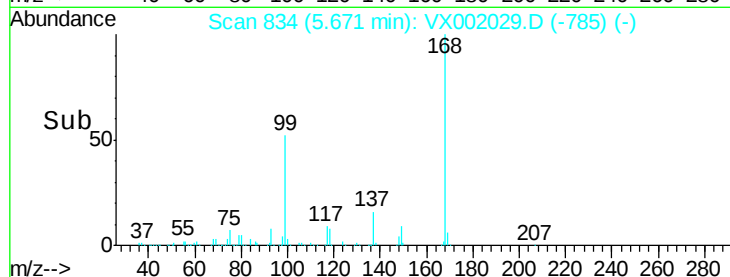
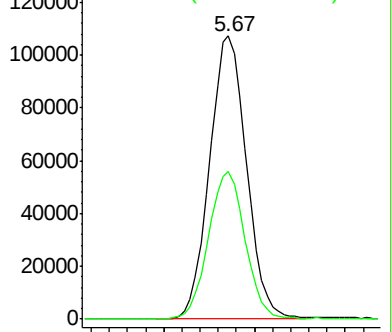
168 100

99 52.1 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 8.68 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX002029.D

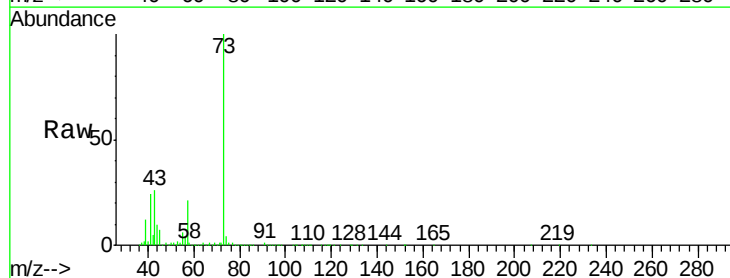
Acq: 26 May 2018 19:53

Tgt Ion: 73 Resp: 115281

Ion Ratio Lower Upper

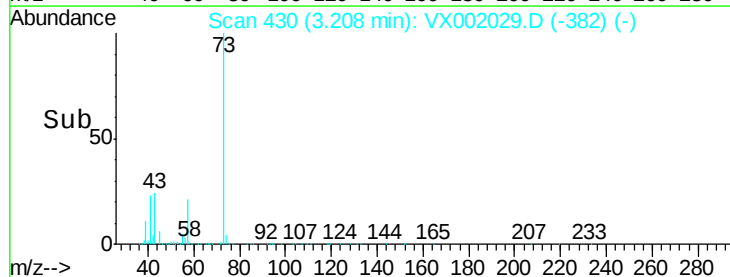
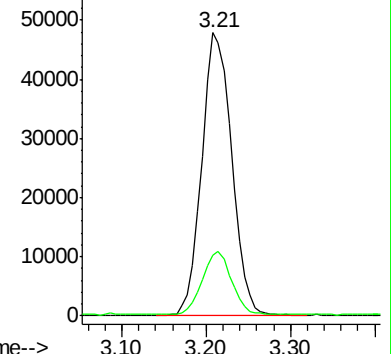
73 100

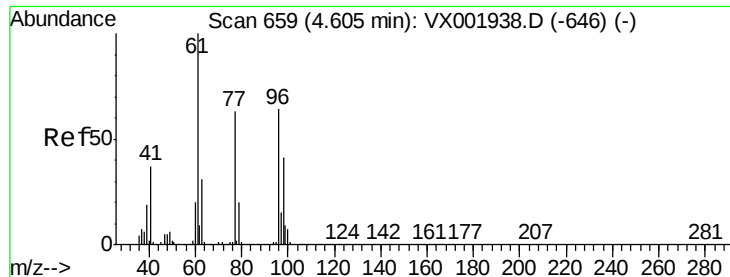
57 20.8 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

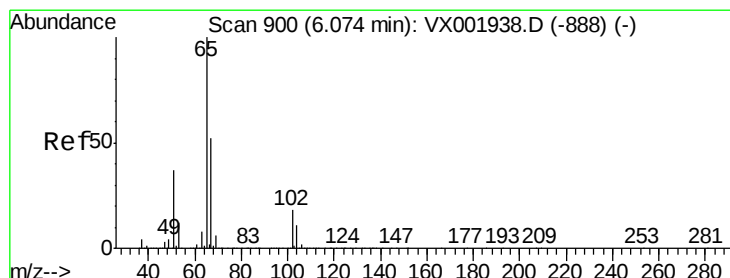
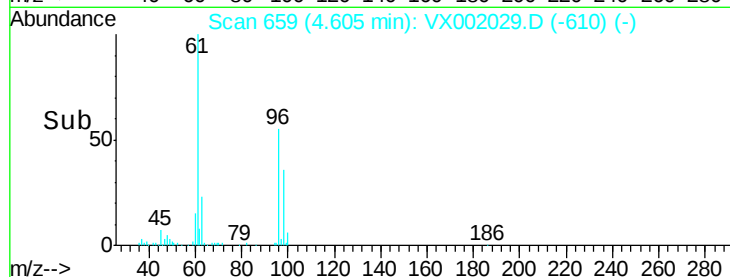
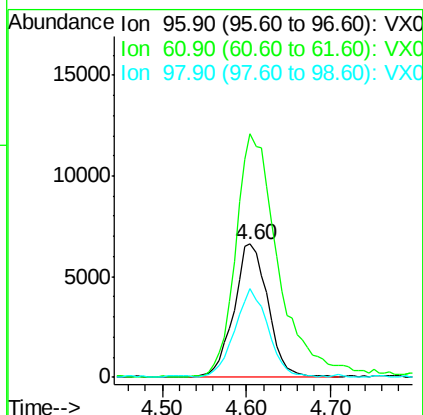
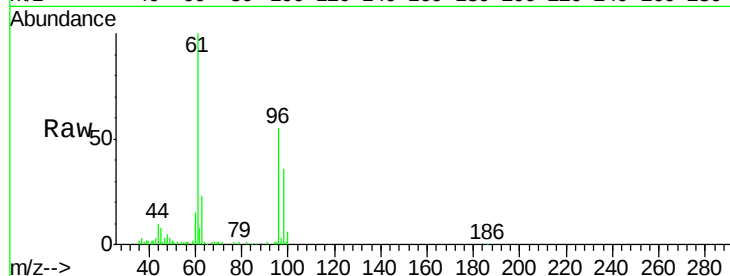




#27
 cis-1,2-Dichloroethene
 Concen: 3.93 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX002029.D
 Acq: 26 May 2018 19:53

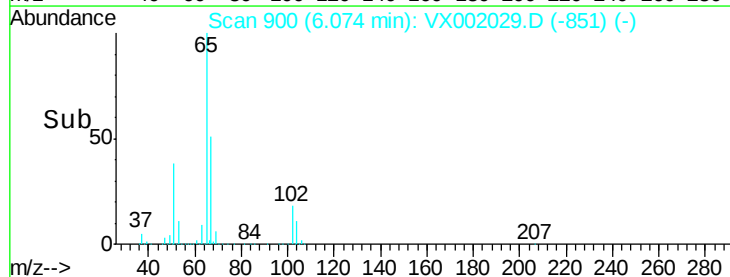
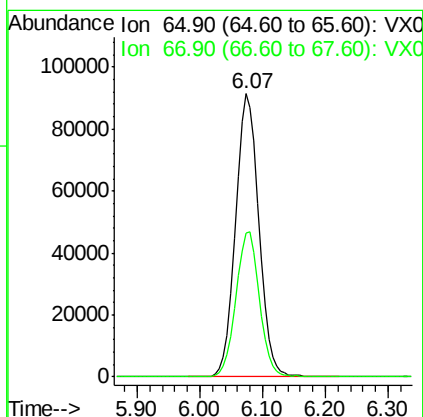
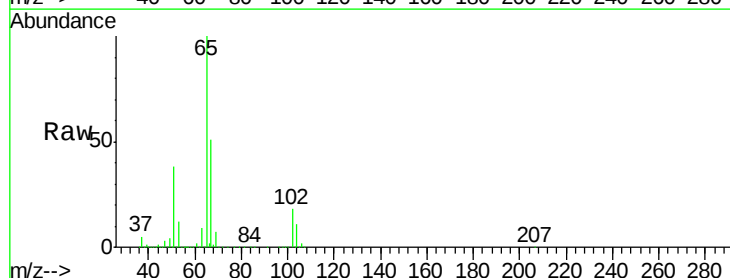
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW326-180522

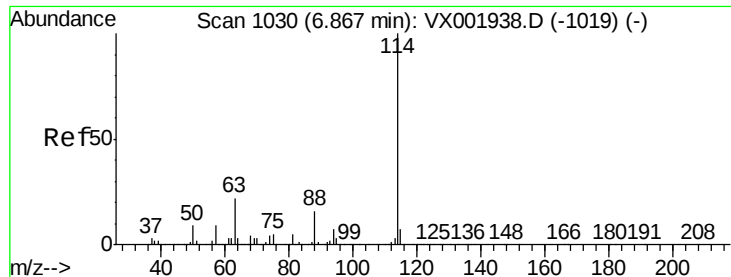
Tot Ion	Ratio	Lower	Upper
96	100		
61	231.9	0.0	348.4
98	65.4	0.0	128.6



#33
 1,2-Dichloroethane-d4
 Concen: 43.57 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002029.D
 Acq: 26 May 2018 19:53

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.0

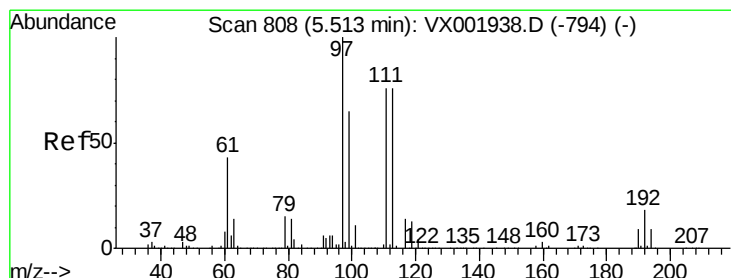
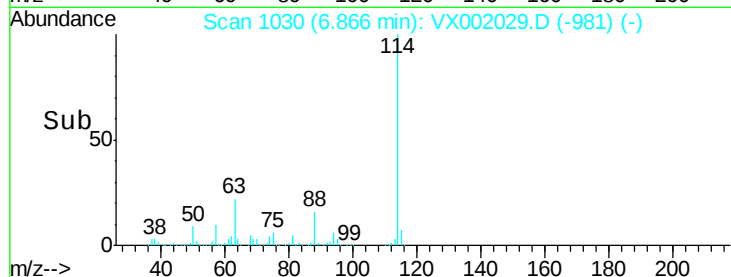
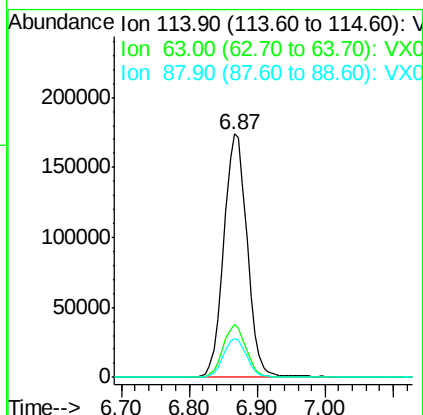
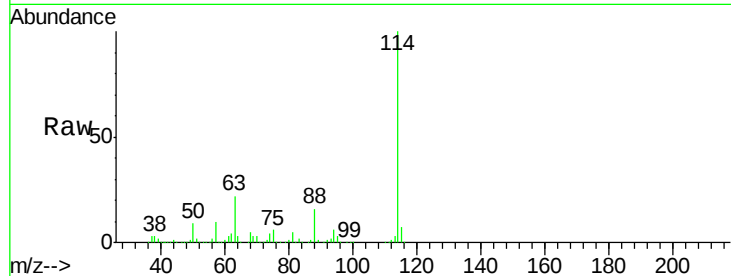




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002029.D
 Acq: 26 May 2018 19:53

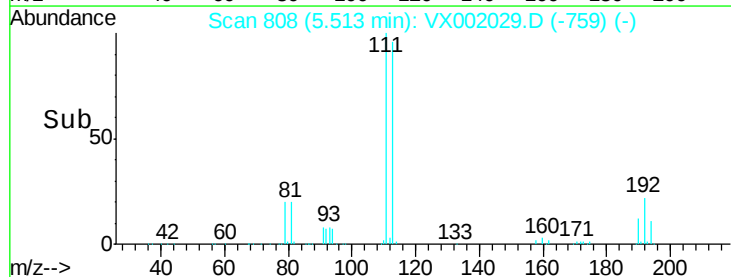
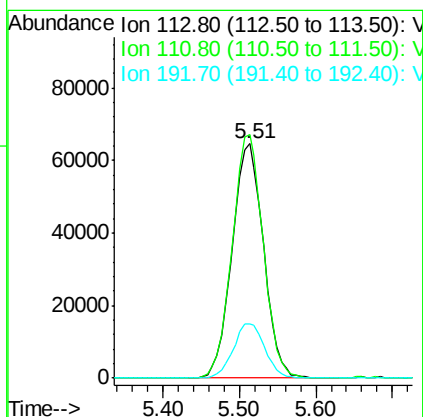
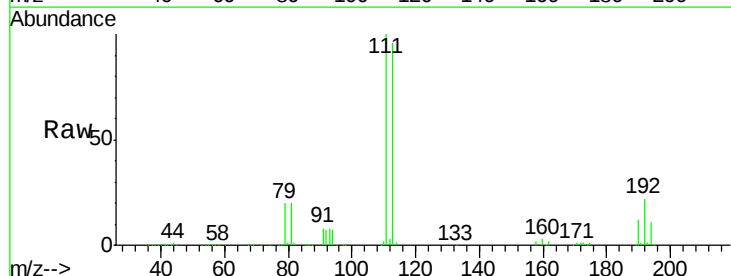
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW326-180522

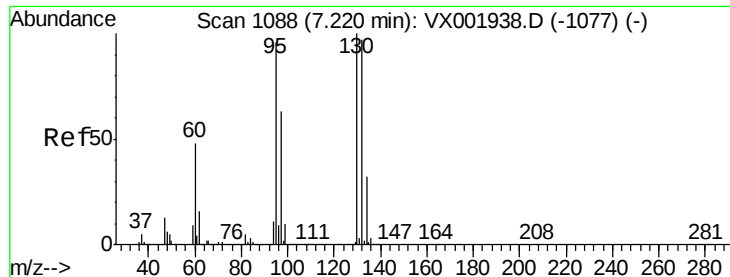
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	15.7	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 44.02 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX002029.D
 Acq: 26 May 2018 19:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.4	18.9	28.3





#44

Trichloroethene

Concen: 2.55 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX002029.D

Acq: 26 May 2018 19:53

Instrument :

MSVOA_X

ClientSampleId :

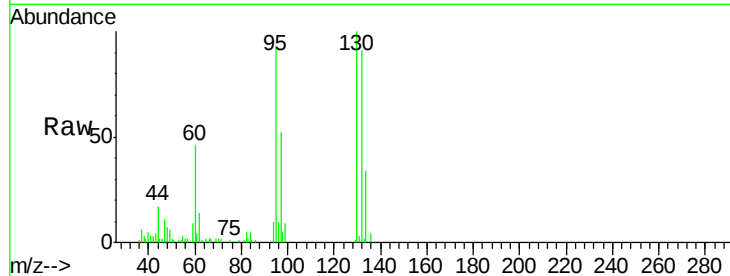
SS052MW326-180522

Tot Ion:130 Resp: 12624

Ion Ratio Lower Upper

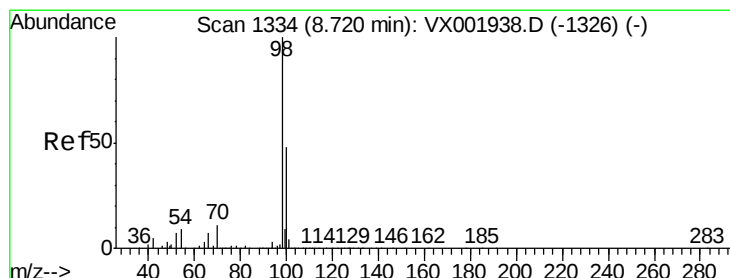
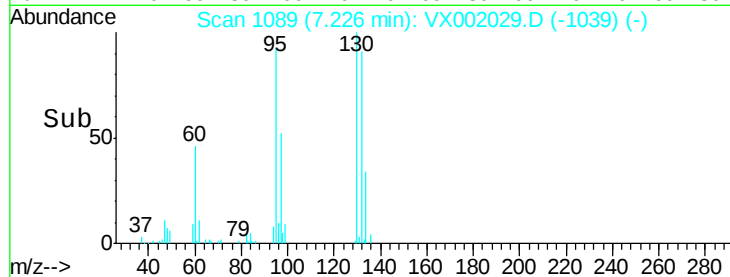
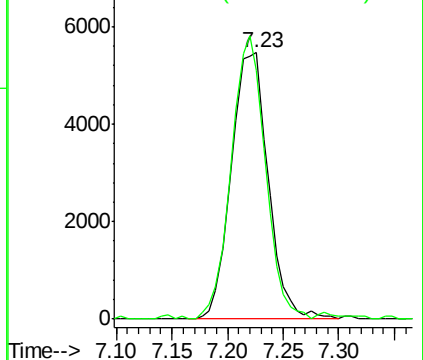
130 100

95 93.4 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 46.55 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002029.D

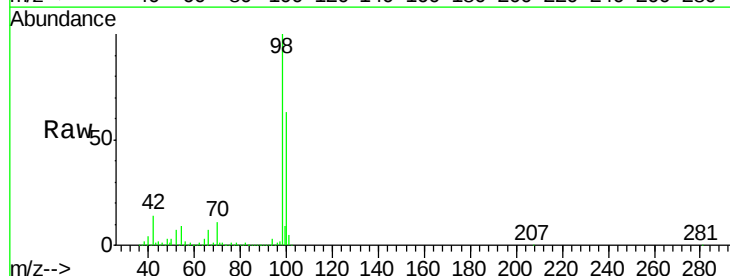
Acq: 26 May 2018 19:53

Tgt Ion: 98 Resp: 703150

Ion Ratio Lower Upper

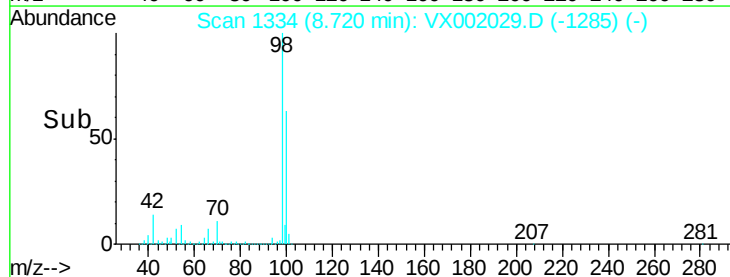
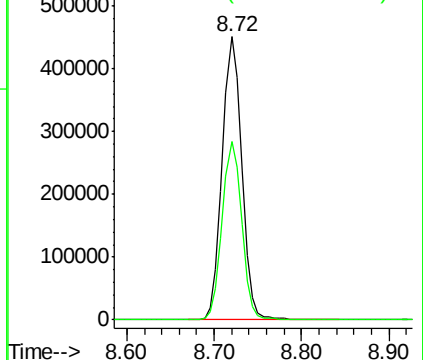
98 100

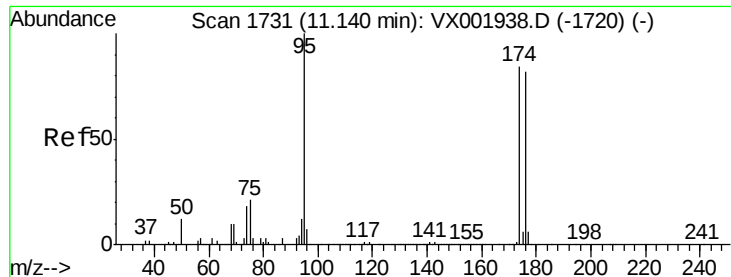
100 63.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

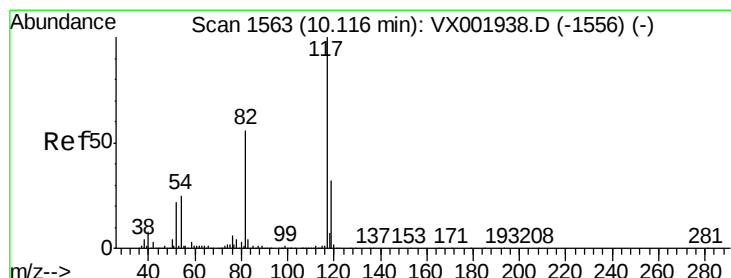
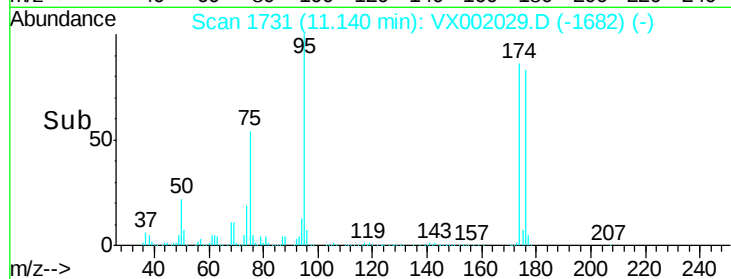
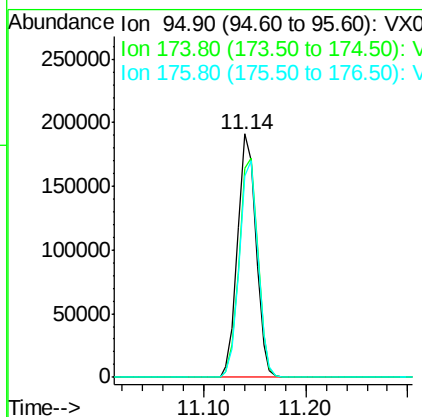
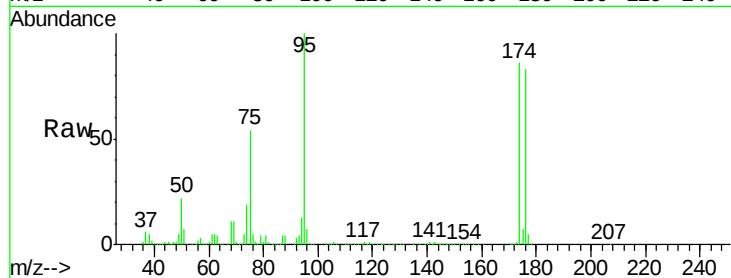




#62
4-Bromofluorobenzene
Concen: 40.20 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002029.D
Acq: 26 May 2018 19:53

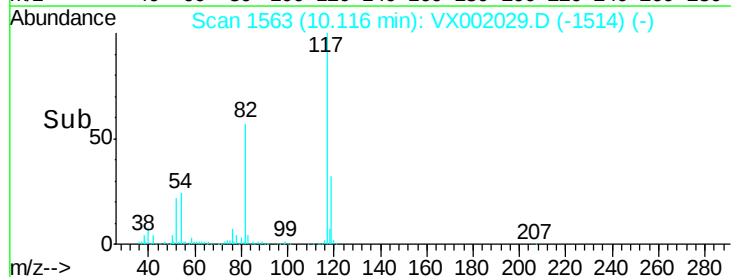
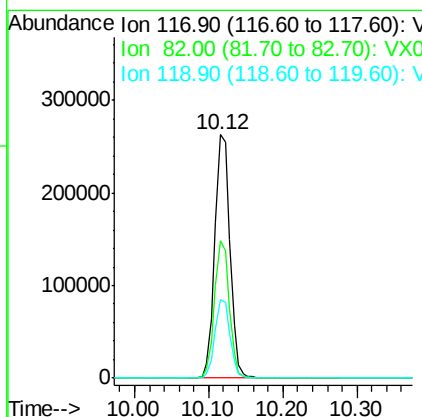
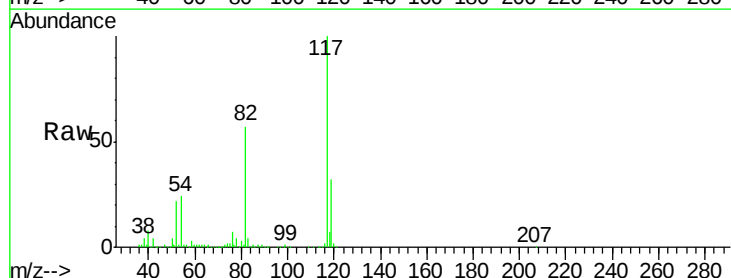
Instrument :
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SS052MW326-180522

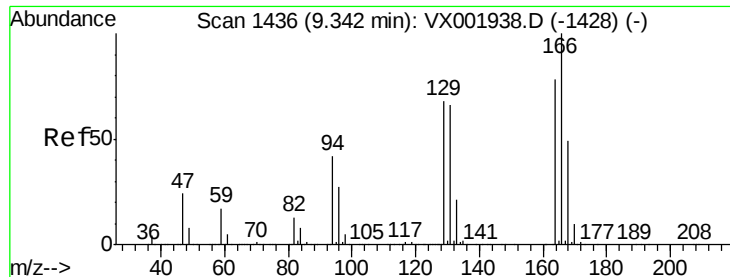
Tot Ion: 95 Resp: 237553
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.8
176 89.7 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002029.D
Acq: 26 May 2018 19:53

Tgt Ion: 117 Resp: 365918
Ion Ratio Lower Upper
117 100
82 56.6 44.8 67.2
119 32.1 25.5 38.3

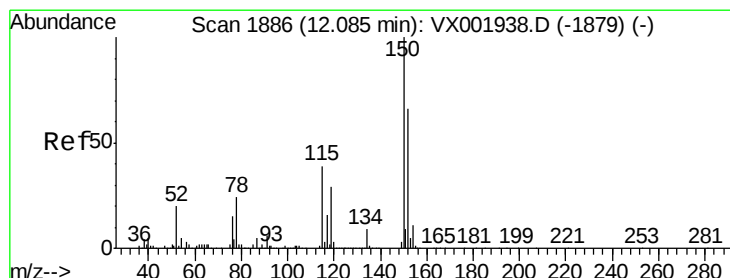
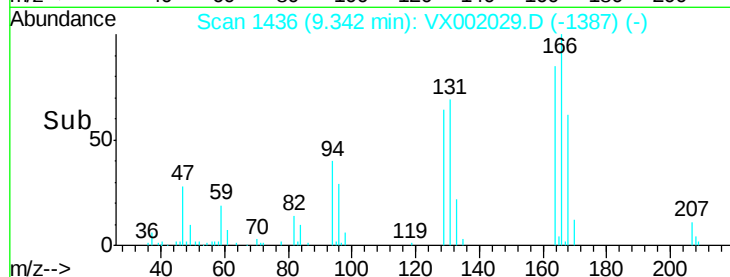
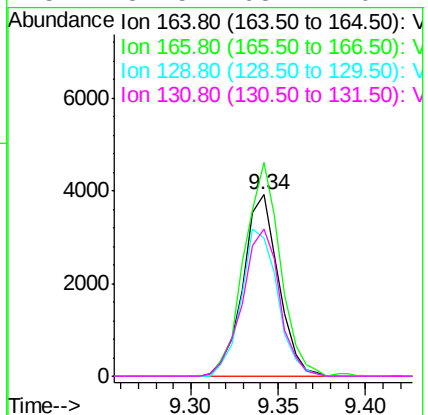
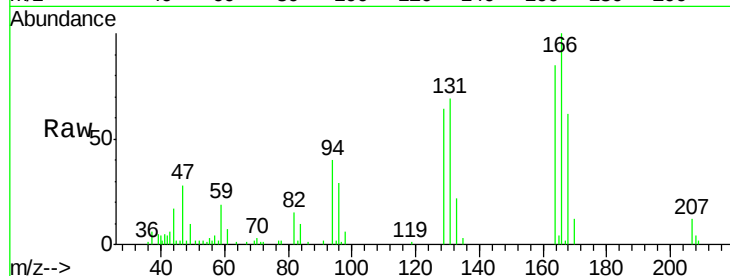




#64
Tetrachloroethene
Concen: 1.05 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002029.D
Acq: 26 May 2018 19:53

Instrument :
MSVOA_X
ClientSampleId :
SS052MW326-180522

Tot Ion:164 Resp: 5533
Ion Ratio Lower Upper
164 100
166 117.8 102.7 154.1
129 75.9 70.3 105.5
131 81.5 68.2 102.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002029.D
Acq: 26 May 2018 19:53

Tgt Ion:152 Resp: 189313
Ion Ratio Lower Upper
152 100
115 56.1 42.3 126.8
150 157.0 0.0 351.0

